DEBUTS OF WOODY PLANTS IN CULTIVATION

Data on Introduction and First Appearances -- in relation to those in Rehder's MANUAL OF CULTIVATED TREES AND SHRUBS, Ed. 1940.

P. J. van Melle

These data are submitted by way of a casual contribution rather than of an exhaustive study. They represent an accumulation in the compiler's notes -- many of them by-products of other inquiries. The years or blanks in the right-hand columns are those occurring in the MANUAL. Except in the few instances marked "(*)" the nomenclature employed is that of the MANUAL.

The presentation of these data in relation to that work implies no criticism of it. On the contrary, the MANUAL is regarded as a great central structure, about which minor contributions like this cluster themselves like little shops between buttresses of a cathedral. The method saves needless duplication of information conveniently available. Only such data are given here as are at variance with, or not given in the MANUAL. Data of this kind should perhaps always be regarded as more or less tentative — subject to adjustment upon further investigation. Some allowances should be made for misidentifications of materials in the sources cited. Reasonable care has been exercised to avoid cases of discernible misidentifications.

Intriguing as is the subject of plant debuts, it appears not to have been explored exhaustively. Fartly because of the greater accessibility of English literature, much is known, comparatively, about introductions into England, and little about those into continental Europe, the records of which are, moreover, for a large part not readily available. Too little is known popularly about the important introductions from Japan by von Siebold and by Maximowicz, and those by Russian travellers, from Siberia, Mongolia and North-China. Specialized investigation might bring out worth-while facts about seeds and living plants received in Paris from the French missionary, Armand David, of whose introductions little is known. Among them is probably, for instance, the comparatively important Pfitzer Juniper of gardens.

Much study remains to be made of the history of plant introductions before it can be viewed in a proper perspective and in relation to explorations projected from many lands.

- A few titles of periodicals, catalogs and other works appearing in the lists in more or less abbreviated form
- A.H.B. Annales d'Horticulture et de Botanique.

 Leiden, 1858--1862. Published by von
 Siebold and W. H. de Vriese. Devoted
 largely to plants brought from Japan
 and from Java.
- Ann. Soc. Agricult. Annales de la Société d'Agriculture et de Botanique de Gand.
- Bretschneider E. Bretschneider History of European Botanical Discoveries in China. 1898.
- Bull. F.S. Bulletin de la Fédération des Sociétés d'Horticulture en Belgique.
- Cox E. H. M. Cox Plant Hunting in China.
- Gartfl. Gartenflora.
- Hort. Berol. Hortus Berolinensis. A catalogue of the Botanical Garden at Berlin.
- Hort. Breit. Hortus Breiterianus. A catalog of a semi-commercial botanical collection maintained in Leipsig by Christian August Breiter. 1817.
- Hort. Dinegro A catalog, by D. Viviani, of a botanical collection privately owned by J. Car. Dinegro, in Genoa. 1802.
- Illustr. Hortic. .. L'Illustration Horticole.
- Leiden Many data otherwise unannotated of plants cultivated in Leiden have been derived from a jubilee publication:

 Hortus Academicus Lugduno Batavus, by

 H. Veendorp and Baas Becking, 1938.

 Other data have been derived from old indices of this Academic Garden.
- Montreuil Refers to a "Catalogue des Arbres dans les jardins de M. Lemonnier à Mont-reuil copie sur de ms. de l'auteur, dont M. 1º Prof. Adrien de Jussieu

est en possession." It is dated 1774. We found it, in the library of the New York Botanical Garden, bound in a "Catalogue méthodique des végétaux cultivés dans le Jardin des Plantes de la Ville de Versailles", by F. H. Philippar, 1843.

Pavlovsk Refers to a catalog, by I. A. Weinmann, of an Imperial Garden in Pavlovsk, near Petrograd.

Prince Catalogs of the Wm. Prince nursery the "Linnaean Botanic Garden" Flushing.

Rev. Hortic. Révue Horticole.

Soc. Gardeners "Catalogue of Trees, Shrubs, Plants and Flowers both exotic and domestic which are propagated for sale in the Gardens near London". By "A Society of Gardeners". 1750. - The similarity of the style of this work to that of Philip Miller's Gardeners Dictionary suggests that he compiled or edited it.

Von Siebold & Co. . The catalogs referred to include the

"Kruidkundige Naamlijsten" in the 1844

and 1845 yearbooks of the Nederlandsch

Koninklijke Maatschappij tot Aan moediging v. d. Tuinbouw. (These Yearbooks
are the "Annuaires Pays-bas" of some
authors).

Von Siebold "Sur l'Etat de l'Horticulture au Japon et sur l'Importance des plantes usuelles et d'ornament introduites et cultivées dans le Jardin d'Acclimation de M. Ph. von Siebold à Leide". A brochure by von Siebold. 1863.

Uppsala Hortus Upsalensis, 1748. - A catalog, by
Linnaeus, of his garden at Uppsala.

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Orig. bef. 1880	0, 0		Int. 1855 Orig. bef. 1818
· bef	Int. 1848 Int. 1855 Oult. 1859 Oult. 1910	Int. 1864 Int. 1864 Int. 1907 Oult. 1855 Oult. 1865 Int. 1901	1855 bef
Orig		int.	
Journal d'Horticulture Fratique IV 1847: 67 then cult. as A. rupestris		Prince, 1831, as A. floridum - "Flowering Maple" Int. ? Monza 1842 Von Siebold & Co. Catalog 1844 Von Siebold & Co. Catalog 1844 Bull. F.S. 1864: 254 - Cult. in Belgium 1864 Bull. F.S. 1864: 256 - Cult. in Belgium 1864 Leiden 1851 Leiden 1851 Favia 1797, as A dissectum ? Bull. F.S. 1864: 255 - Cult. in Belgium 1864 Bull. F.S. 1864: 255 - Cult. in Belgium 1864	
Abelia grandiflora	Nordmanniana	hybridum	Feeudoplatanus Leopoldii variegatum rubrum tomentosum rufinerve Aesculus californica carnea Hippocast albo-var
Abelia Abies F	Nordr Velto Acentho Campe	flori hybri fapor laevi Lobel Negur cal oblon palma	Aescult Rippo

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	ef. 1815	f. 1880 71 67 20 888	888		78 60 855	868 18 879	800 789 854
	Orig. bef Int. 1785	Int. bef. 1880 Int. 1871 Int. 1867 Int. 1820 Oult. 1888	Oult. 1		Int. 1878 Int. 1860 Oult. 1855	Oult. 1868 Int. 1818 Oult. 1879	int. ? cult. ! cult. ! cult. !
Tuinbouwflora 1856: 29 - Orig. by Bauman before 1825 Gartfl. 1855: 232 - Dble-white form cult. 1576 Bull. F.S. 1864: 256 - Cult. in Belgium (fol. aureo-	War.) Monza 1815. Montpeller 1815 (from Trianon Garden) Orig. bef. 1815 Leiden 1719 Int. 1785	Favia atrosanguinea Monza 1815, as A. F. II. rubra	glutinosa quercifolia Monza 1842. Vienna 1842	fisch fartfl. 1862: 15 - Cult. at Fetrograd, as var. lac- incana acuminata fartfl. seconds	maritime	Maximowiczii	Aralia chinensis
Aesculus Hippocast. Baumanii	hybrida	Favia atrosanguinea turbinata Aethionena coridifolium Alangium platanifolium Alnus cordata	glutinosa quercifolia hirsuta Rupr	incana acuminata	maritima	Maximowiczii	Aralia chinensis

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Leiden 1686	Naples 1012 Uppsala 1748 (Art. no. 3) Montreull 1774 Frague 1776, as A. Tragacantha Frague 1776, as Polygonum fr		Monza 1842	Am Am Am
Artemister Abrotanum austriaca	camphorata	Berberls buxifolts nans canadensis empetrifolts turcomanics integerrins	Betula davurica	Middendorffil pendula fastiglata purpurels nana Broussonstia Kasinoki Bruckenthalia spiculifolla Buddlela intermedia \$aponica salvifolla

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Int. 1857 Int. abt. 1845	Oult. 1846 Oult. 1895 Oult. 1895 Oult. 1752 Int. 1752 Int. 1752 Int. 1752 Int. 1752 Int. 1812 Int. 1810 Oult. 1877	Oult. 1830 Int. 1796 Oult. 1870
Freibourg 1829 Monza 1814 Von Siebold & Co. Catalog 1845 Von Siebold & Co. Catalog 1844, as C. Murasaki, Int. 1841 Naples 1812, as C. Fallasii	Prague 1776 Hort. Berol. 1807, as C. laevigatus Monza 1813, as C. nanus Frague 1844 Frague 1876 Von Siebold & Co. Catalog 1845 Von Siebold & Co. Catalog 1845 Uppsala 1748, as Robinia no. 3 Uppsala 1748, as Robinia no. 4 Vienna 1842 Monza 1842 Monza 1842 Monza 1842 Monza 1815 Soc. Gardenere - Cult., London, 1730 Frague 1776, as Andromeda h. Frague 1776, as Andromeda t. Rev. Hortic. 1872: 200 - From seed received at Paris Museum in 1838	N S S K
Buxus semperv. angustifol. semperv. myrtifolia Callicarpa dichotoma japonica	Calycanthus fert. ferax fertilis nanus Calycotome spinosa villosa Camphorosma monspeliaca Cargana erborescens frutex pygmaea Carpinus Bet. Carpinizza Betula incisa pendula Garsiope hypnoides tetragona Catalpa bignon. nana	Cenothus ovatus

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1825	1850			1880	0.00
Int. abt. Int. 1876 Int. 1739	Int. bef. 1850 Int. bef. 1800	1919	1845	Int. abt. 1880	cult. 1900 Int. 1817 Cult. 1929 Cult. 1828 Int. 1812 Int. 1837 Int. 1837
int.	Int.	int.	Int. 1845	Int.	in tritti
	Ceratostigma plumbagin Amsterdam 1857, as Plumbago Larpentae		. bull. F.S. 1000: 117 - Exhib. in Belgium, 1000 Int. into Netherlands by von Sieb. before 1855 as Retinospora squarrosa	Chimonanthus praecox grfl. Von Siebold & Go. Catalog 1844, as C. fragrans grfl. Chiogenes hispidula Prague 1776, as Vaccinium hispid. (?)	glaucus coronifors: Monza 1844, as G. Ledum Lam. glaucus

1947		₹6	IN Welle,	woody r	rance		231
Int. 1864 f Int. bef. 1884 Int. bef. 1880	Int. 1720	Int. 1870 Oult. 1905	alt. 1836 alt. 1887	Long cult. Orig. bef. 1770	Int. 1865 Int. 1919 Int. 1924	alt. 1907	
Clematis paniculata Int. by v. Sieb. to Leiden, 1850 songarica Prague 1844 In France, 1855, as G. Gebleri	3 2 2						salicifolia Prince, Catalog 1831: 51, as C. linearis; p. 52, as C. salicifolia
Clematis paniculatareticulatasongarica	virginiana	Clethra barbinervie	Seperifolis	flava	Corylopsis spicata	racemiflora Royleana rotundifolia lanata uniflora Crataegus Crus-galli pyra- canthifolia	splendens

Int. abt. 1816 Oult. 1730 Oult. 1871 Orig. bef. 1880 Int. abt. 1820 Oult. 1832 Oult. 1822 Oult. 1827 Oult. 1861 Int. 1861	Int. 7 Int. 1755 Int. 1875 Int. 1815 Int. 1885 Int. 1888
	araucarioides Bull. F.S. 1864: 145 - then cultivated before before. Traité Gén. des Conif. 1867 - Int. 1548 or before. Vienna 1842 before. Prague 1776, as Genista humifusa. Hort. Breiter. 1817 procumbens Uppsala 1748 (C. no. 2) Wienna 1842 Prince, Catalog 1831, as D. neapol. Prince, Catalog 1831, as D. neapol. Prince, Catalog 1831, as D. neapol. Prince, Catalog 1822 Prague 1776 P
Intricate Intricate Imbortiana x Lavallei macracantha monogyna pentagyna prunifolia punctata aurea sanguinea sorbifolia viridis cryptomeria "japonica jap." japonica nana	araucarioides

Oult. 1597 Oult. 1889 Oult. 1870 Int. 1900	Int. 1862	Oult. 1845 Int. abt. 1905?	Int. 1825 Oult. 1912 Int. abt. 1860 Long cult. Oult. 1920 Int. abt. 1865	Oult. 1906
Deutzia scabra candidissima Rev. Hortic. 1872: 60 - Orig. by Otto, Frosbel & Co. of Zurich, as "candidissima alba"	multiflora	\$21 S	Ephedra altistaina duinqueilorus . Serum Boranicum 1027 - Int. 1012	japonica argenteo-var Int. by von Siebold, 1830
Beutzia scabra candidissima staminea Brunon Diospyros Kaki costata Lotus	multiflora	Simonii	Ephedra altissima	japonica argenteo-var aureo-var macroptera

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Int. 1830 Int. 1890 Int. abt. 1800	Int. 1724 Int. 1891	Int. 1882 Int. 1824 Int. 1824	ouit. 1750 ouit. 1830 ouit. 1789 ouit. 1821 ouit. 1826	wit.
	834888	Ghent 1817, as F. nana Duhamel Ghent 1802 Gracow 1864, as F. mandshurica Hort. Petrop Nonza 1813 Monza 1813	Soc. Gardeners - Cult., London, 1730 Cult., Edinborough, from seed coll. 1827 by Drummond Montreuil 1774. Frague 1776 Montpeller 1813 Hort. Dinagro, Genoa 1802 Montpeller 1813. as G. oveta Willd	
Euchymus nama Buscaphis japonica Fagus grandifolia sylvatica asplenifolia tricolor	Forsythia suspensa Fraxinus americana chinensis excelsior surea crispa	nens Hayne pendula mandshurica pennsylvan lanceolata mandrangulata	rotundifolia	pilosa sericea tinctoria Gleditsia ferox Halimium Libanotis Hedera colchica dentata

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Int. 1880 Int. 1825	Cult. 1955 Int. bef. 1600	Int. 1805 Oult. 1864	Int. bef. 1864 Oult. 1904 Oult. 1870	Int. abt. 1910	Oult, 1868	Int. 1864 Int. 1864 Int. 1840 Oult. 1934
	Prague 1776, as Cistus o. Frague 1776, as Cistus p. Leiden 1592		Monza 1012, as h. mutabilis II. coerui. Int. by von Siebold into Leiden 1856	5 8;		Monza 1015, as 1. scningta Illustr. Hortic. 1858: 8 - Cult., Turnham Green, 1858 Int. 1864 Von Siebold & Co., Catalog 1844
Hedera nepalensis	pilosum	follus	coerulea	Hypericum cermuum	Iberis Fruitii semperv. Garrexiana Ilex Aquifolium baccifl Aquifolium ferox	crenata

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Int. abt. 1850 Int. 1866 Int. 1850		Int. 1836		Not listed	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
HI VI VOR	Int. by Young's Nursery, Surrey, England, 1872. See J. sphaerica Lindl. sensu van Melle See x J. media Pfitzeriana van Melle See J. Sheppardii pyramidalis van Melle		Van Melle - "Review of J. chinensis" 1947: 82 - Probably int. into France in the 1860's by Armand David. Exhibited in Antwerp, 1875, as J. japonica pendula	Š	Wan Melle - "Review of J. chinensis" 1947: 41, 42 - Int. through seeds, sent by Fortune to Standish &
Forado	chinensis aurea	communis suecica	van Melle	(*) Sheppardii pyramid- alis van Melle	(*) sphaerica Lindl

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Long cult.	Int. abt. 1825 Int. 1878 Not int. Int. ? Cult. 1885 Long cult.	Long cult.	Int. 1865 Oult. 1825	Orig. bef. 1854
B	Prince, as L. Fallasii. Prince, Catalog 1823, as Caprifolium pubescens Int. abt. Prague 1844. Monza 1842. Cracow 1864. Hort. Dinegro, Genoa 1802, as L. quercifolia Hort. Dinegro, Genoa 1802. Gartfl. 1853: 3 - then cultivated Cracow 1864 Gartfl. 1860: 58 - then cultivated Boc. Gardeners - Cult., London, 1730, as Chamseceras Us dumetorum Prague 1776 Long cult.	3 2 3 2 3	In dermany by A. Topr or Errurt, 1032 Int. 1760. Freibourg 1829 Fetrograd 1824 Sertum Botanicum 1831 - Orig. bef. 1830. Hering - Manuel des Plantes I - Orig. by Cachet, at Angers	Reportabilis
Lonicera coerulea altaica .	hirsuta hispida	halimifolium Magnolia Alexandrina grandia	obovataspyramidataspeciosa	Rahoberberis Neubertii

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Int. 1825 Oult. 1900 ?	Oult. 1850	Int. 1784 Int. 1862 Int. 1912	Int. abt. 1856	Int. 1856 Int. 1915		0,14 1,750	oult. 1856	Int. 1856	Int. 1806
9	188	Prague 1776 Prague 1776 Int. by von Siebold into Leiden before 1856 Monza 1842, as Pyrus glabrata Hort. Vindabon.		sylvestris	Morus alba macrophylla Von Siebold & Co. Catalog 1845, as M. Tokwa war. macrophylla rophylla 1888		Frague 1776 Cult. 1870 Cult. 1870 Cult. 1870 Cartfl. 1855: 36 - Survived the Winter in England, Cult. 1855	Osmanthus Fortunel Von Siebold & Co. Catalog 1844, as O. japonics Int. 1856 Pachysandra term. variegata Gartfl. 1867: 192 - then cultivated	Von Siebold & Co. Catalog 1844 - Int. 1789 Int. 1806
Mahonia Aquifolium	Japonica	Malus baccataglablundaglabramelua	spectabilis albi-plena	Sylvestis	Morus alba macrophylla	Myrica Gale	Nitraria Schoberi	Osmanthus Fortunel Pachysandra term. variegata	Faconia suffr. papaveracea Parthenociasus tricuspid.

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Oult. 1924 Oult. 1825 Oult. 1842	Oult. 1888 Int. bef. 1860 Oult. 1905 ?	Orig. bef. 1864		Int. 1878 Int. 1837	Int. 1862 Int. abt. 1885
temon fruticosus Prague 1844, as P. fruticosus Booth Oult. 1924 sdelphus cor. pumilus . Freibourg 1829, as var. nanus	Prince, Catalog 1830	Montreuil 1/74. Frague 1/70, as Andromeda Costules Orig. bef. 1864 Frince, Catalog 1851, as Spiraea Opulus lutea Orig. bef. 1864 Monza 1842, as Picea exc. Cl. Amsterdam 1857, as Finus Ficea Cl		Monza 1042, as Fines exc. pygmasa Vienna 1842, as Finus Abies viminalis (artfl. 1852: 320 - Illustr. in Flore des Serres 1851. Int. by Standish & Noble before 1852 Montreuil 1774 - Cait. in England as Abies Menz-	
Veitchii	nepalensis	Hyllodoce coerules Physocarpus Opulus luteus . Pices Abies Clanbrasil Abies elegans	monstrosa nana nigra nigra nondula nigra	pygmaeea	Pinus cembroides Farryana. halepensis brutia Mugo rostrata

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Int. 1865 Int. 1862	Int. 1640 Int. 1840 Int. 1881 Int. 1881 Int. abt. 1850		Int. abt. 1855: Int. 1818 Int. 1890
Vienna 1842, as P. Pallasiana	Bull. Soc. Dendrologique de Bra 44 - known in England before Bull. Soc. Dendrologique de Fra 44 - Orig. 1850	Gartfl. 1858: 170 - Wagner nursery Catalog, Riga, as P. diversifolia Schrenck (from Songaria) Rev. Hortic. 1867: 305 - From Italy into France, 1745 Prague 1844, as P. Lindleyana Hort. Gartfl. 1862: 16 - then cult. in Petrograd Uppsala 1748, as P. Sangulsorba. Strasbourg 1807 Whorza 1813, as Amygdalus communis dulcis Monza 1842, as Amygdalus communis fragilis Munich 1829, as Gersans chicasa Mohx.	
Fluus nigra caramanica Peucetabulaeformis	Platanus acerifol. cantabrigionsis	rigra italica	Mahaleb xanthocarpa maritima

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Int. 1881 Int. bef. 1860	Oult. 1864 Int. 1916 Int. 1820	Int. bef. 1870	Int. abt. 1800 Int. bef. 1909 Int. 1862	Cult. 1870 Int. 1884 Int. 1850 Int. 1875	oult. 1800
Prunus Mume albo-plena Von Slebold & Co. Catalog 1848			도로 급	Monza 1842, as Amygdalus nanus camp. Von Slebold - "Sur l'Etat" - Int. by him bef. 1865 Cult. 1870 Rev. Hortic. 1871: 588 - then cultivated	48441
Frunus Mume albo-plena napaulensis pedunculata	Persica versicolor pumila depressa Reverchonii serrotina salicifolia	Fugenzo (James H. Veitch) Lannesiana Ukon	subhirtella autumnalis pendula	tenella campestris tomentosa triloba (single-flwd.) Pseudosasa japonica Pterostyrax hispida	Punica Granatum flavescens Granatum nana pleniflora Pyrus nivalis

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Int. 1908 Oult. 1900 Oult. 1838 Oult. 1877 Oult. 1857 Oult. 1852	Oult. 1890 Int. 1850 Int. 1854 Int. 1879 Int. 1822 Int. 1822 Int. 1822	Oult. 1883
	VI VO OG NO OG	
Quercus Delachampii Frainetto glandulifera Hartwissiana heterophylla	x hispanica dentata h. diversifolia iberica Bieb. Ilax Fordii rotundifolia infectoria laevia macranthera mongolica Turcz Muehlenbergii petraea laciniata mespilifolia purpurea reticulata	robur fastigiata filicifolia pectinata

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Int. 1819 Int. 1917	Cult. 1871 Long cult. Cult. 1865 Cult. 1865 Cult. 1875 Int. 1875 Int. 1865 Cult. 1911 Cult. 1911 Cult. 1866
	Montpeller 1815, as R. integrifolia Montpeller 1874 Montpeller 1874 Montpeller 1874 Montpeller 1874 Montpeller 1874 Montpeller 1874 Montpell 1774 Montpeller 1880: 80 - Int. via Petrograd Montpeller 1885 Montpeller 1885 Montpell 1774 Montpeller 1885 Montpeller 1886 Montpeller
Quercus robur variegata stellataundulata	Alaternus integrifolia Alaternus integrifolia Prangula Ilatifolia Pallaaii Fisch & Meyer Pallaaii Fisch & Meyer Pallaaii Fisch Rhododendron carolinianum halense luteum Netternichii reticulatum scabrum Rhodotypos scandens Rhodotypos scandens Rhodotypos candens Rhus chinensis

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Oult. 1865 Oult. 1957 Oult. 1629 Oult. 1874 Oult. 1905 Int. bef. 1911 Oult. 1844	Int. abt. 1818 Oult. 1809 Oult. 1903 Int. 1921 Int. abt. 1635 Oult. 1878 Oult. 1877 Orig. bef. 1819 Int. 1826 Oult. 1877	
Prague 1776. Int. by v. Sieb. into Ghent 1830 Cult. 1865 Leiden 1685. Uppsala 1748 Leiden 1628 Cult. 1629 Int. by von Siebold into Leiden 1829 Cult. 1874 Monza 1842 Cult. as R. japonica Cult. 1805 Prague 1844 Cult. as R. japonica Cult. 1844		Freibourg 1027, as a configuration of the same of the following the following the following the same of the same
Toxicodena Toxicodendron typhina verniciflua Ribes aciculare Dikuscha fasciculate	Trossularia uva-orispa Houghtonianum pallidum rotundifolium rotundifolium Robinia neo-mexicana Rosa alba "Maiden's Blush" Rosa agrestis Rosa agrestis	chinensis minime

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Cult. 1934 Int. 1910	Oult. 1875	Cult. 1872 Int. bef. 1868 Cult. 1807 Cult. 1789 Cult. 1789 Cult. 1814	Oult. 1838 Int. bef. 1807 Oult. 1880 Int. 1789 Int. 1875
	Monza 1814. Hort. Breiter. 1817. Hort. Breiter. 1817, as R. caryophyllaces. Von Siebold & Co. Catalog 1844 - Int. 1832. Rev. Hortic. 1883: 143 - Orig. 1832; from Monza into England in 1840. Fracue 1844, as R. Jundzillii		scandens Naples 1012, as K. scandens spinose. pimpinsllifolia Pregue 1776. Ghent 1802. Hort. Dinegro, Genoa 1802. stylosa Montreuil 1774 virginiana Monza 1842 Moodsii Ghent 1802 Chamaemorus Ghent 1802 Crataegifolius Prague 1776 By Maximowicz, 1865 Int. 1789 fruticosus Int. 1875
Rosa chinensis mutabilis chinensis semperflorens . davurica	versicolor	marginata montana moltiflora nitida pendulina reversa Roxburghii rubrifolia sempervirens prostrata	spinoss pimpinellifolia stylosa Virginiana Woodsii Chamsemorus crataegifolius

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Cult. 1860 Int. 1818	Cult. 1825 Cult. bef. 1750 Int. 1908 Int. abt. 1800 Cult. ? Cult. 872 Cult. 1872 Long cult. Int. 1889 Cult. 1871 Cult. 1872 Cult. 1879 Cult. 1879 Cult. 1879 Cult. 1879 Cult. 1829 Cult. 1829 Cult. 1829	Long cult. Cult. 1870 Cult. 1815 Cult. 1871
सम्बन्ध सम्बन्ध	Hort. Breiter. 1817 Munich 1829 Petrograd 1862 Petrograd 1862 Petrograd 1862 Petrograd 1862 Petrograd 1862 Prograd 1746, (Ruscus no. 1) Prague 1776, as Rhamnus theezans. Brought by von Siebold into Leiden, 1829. Frince, Catalog 1830 Prague 1776 Strasbourg 1807, as S. herbaces Montreuil 1774. Ghent 1802, as S. vitellina Hort. Breiter. 1817 Montreuil 1774. Frague 1776 Montreuil 1774. Frague 1776	
Rubus hispidus	trivialia	fragilisglabragrandifolia Ser.

2/4	Ph	IIULC	GIR	•	1. 2,
Int. 1780 Oult. 1872 Oult. 1789	Oult. 1829 Oult. 1874 Oult. 1789 Oult. 1789 Oult. 1872		Oult. 1809	Oult. 1872 Oult. 1872 Oult. 1876	Oult. 1930
Montreuil 1774. Prague 1776 Hort. Breiter. 1817 Prague 1776	Ghent 1817 Monza 1813. Ghent 1817 Int. by von Siebold 1841 Montreuil 1774. Frague 1776 Ghent 1817, as S. Starkeana? Freibg. 1829, as S. de-		448		undulate undulate Uppeale 1748 (Sambucus no. 1, var. b)
Salix hastatahelveticahorbacea	hippophaifolia	lucida	phylicifoliapurpurea Lambertiana	reticulata	Sambucus nigra laciniata racemosa laciniata Santolina neapolitana Sapindus Mukorossi Sapium sebiferum

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Cult. 1850 Int. 1759 and again 1907 ?	Cult. 1850 Long cult. Cult. 1880 Cult. 1865 Int. 1876 Cult. 1905 Cult. 1905 Cult. 1879 Int. 1879 Cult. 1780 Int. 1879 Cult. 1780 Int. abt. 1855	Oult. 1853
hisandra coccinea Hort. Braiter. 1817. Frince, Catalog 1823	Gartfl. 1862: 18 - Cult. in Fetrograd as S. persicum, 1862 Frince, Catalog 1831 Frague 1776, as S. tomentella L. Montpelier 1813 Leiden 1686 Lavallee - Icones Arbor. Serezianum (1880) t. 17 - Cultivated at Sereze since 1858 Int. by von Siebold before 1863 Int. by von Siebold before 1863 Fev. Hortle. 1872: 291 - Cult. at Lake Maggiore, 1872 Gartfl. 1854: 411, as Spiraes 1 then cultivated Hovey's Magazine 1863 - Int. by Thos. Hogg into the U. S. from Japan, 1862 Int. by von Siebold before 1863 Int. by von Siebold before 1863 Int. by von Siebold before 1863 Frague 1776, as Waccinium album 7 Frince, Catalog 1820 Frague 1776, as Hopea tinctoria Frince, Catalog 1822, as S. sibirica Ghent 1802	Soc. Gardeners - Cult., London, 1730
Schisandra coccinea Smilax aspera mauretanica . China	Solanum Dulcam. indivisum . Sophora japonica pendula japonica pubescens Sorbus Aria Aria Decaleneana Stachyurus praecox Stauntonia hexaphylla Stephenandra incisa Stephenandra incisa ovata ovata Styrax Obassia Styrax Obassia Symphoricarpos albus Symplocos tinctoria Syringa amurensis	laciniata

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Oult. 1750				Oult. 1880	Oult. 1830	Int. 1905
四四 日四	28 8		Carrière - Traité Géneral des Coniferes (1867) - Int. from China, 1861			Ja
Teucrium Chamaedrys Thuja occ. Douglasi-pyram. occ. Ellwangeriana	orientalis aureadecussata	Meldensisstricta	Thujopsis dolobrata nana dolobrata variegata	Tilla americana macrophyll. dasystyla	neglecta platyphyllos aurea rubra	Trachelospermum jasmin Tripterygium Regelii

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Cult. 1894	Oult. 1830 Oult. 1860 Int. 1800 Oult. 1789 Oult. 1789 Oult. 1789 Oult. 1789 Oult. 1898 Int. 1914 Int. 1859 Int. abt. 1865 Int. abt. 1865 Oult. 1885 Oult. 1885 Oult. 1885	Int. 1850 Int. 1878
Trochodendron aralioides Bretschneider I: 502 - Int. by Maximowicz from Japan. Flowered in Petrograd in 1876		ž ž č
Trochodendron aralioides	fulva pumila Vaccinium Arctostaphylos Myrtillus Oxycoccus uliginosum virgatum tenellum Vitis-idaea Viburnum burejaeticum grandiflorum lantana lantana Opulus roseum prunifolium vinca minor atropurpurea winca minor atropurpurea vitex Agnus-castus rosea Vites Davidii Thunbergii	Wisteria floribunda japonica Xanthoceras sorbifolia

Int. 1866	Oult. 1880 Cult. 1877	Int. abt. 1860	
Crimes, planted about 50 years ago (= abt. 1826) Int. 1866	anthoxylum alatum plani- spinum	Zelkova serrata	
	Zanthoxylum alatum plani- apinum	Zelkova serrata	

(*) See introduction, page 249.

(**) Malus Toringo (Sieb.) Oudemans in Tuinbouwflora III: 148 (1856).